

Water Finance Clearinghouse



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Water Infrastructure and Resiliency Finance Center

The Water Finance Center is an **information and assistance center**, helping communities make informed decisions for **drinking water, wastewater, and stormwater infrastructure** to protect human health and the environment.



Research

Advise

Innovate

Network

<https://www.epa.gov/waterfinancecenter>

Water Finance Clearinghouse



Meeting the Needs of Key Stakeholders

Provide an **easily navigable web-based portal** to help communities locate **information** and **resources** that will assist them in making **informed decisions** for their drinking water, wastewater, and stormwater **infrastructure needs**.

Summary of Clearinghouse Content:

Funding Sources: Users will be able to identify water infrastructure funding sources.

- Current federal and state loans & grants
- Philanthropic sources

Financing Mechanisms & Approaches: Users will be able to explore how specific financing approaches can be used to achieve water quality and quantity goals.

- Public-Private-Partnerships
- Public-Public-Partnerships
- Customer Assistance Programs
- Rate & Revenue Structures
- Bonds, Taxes, and Fees
- Incentives

Funding Access & Readiness: resources to prepare communities to access capital, and once accessed, utilize it efficiently to address their needs.

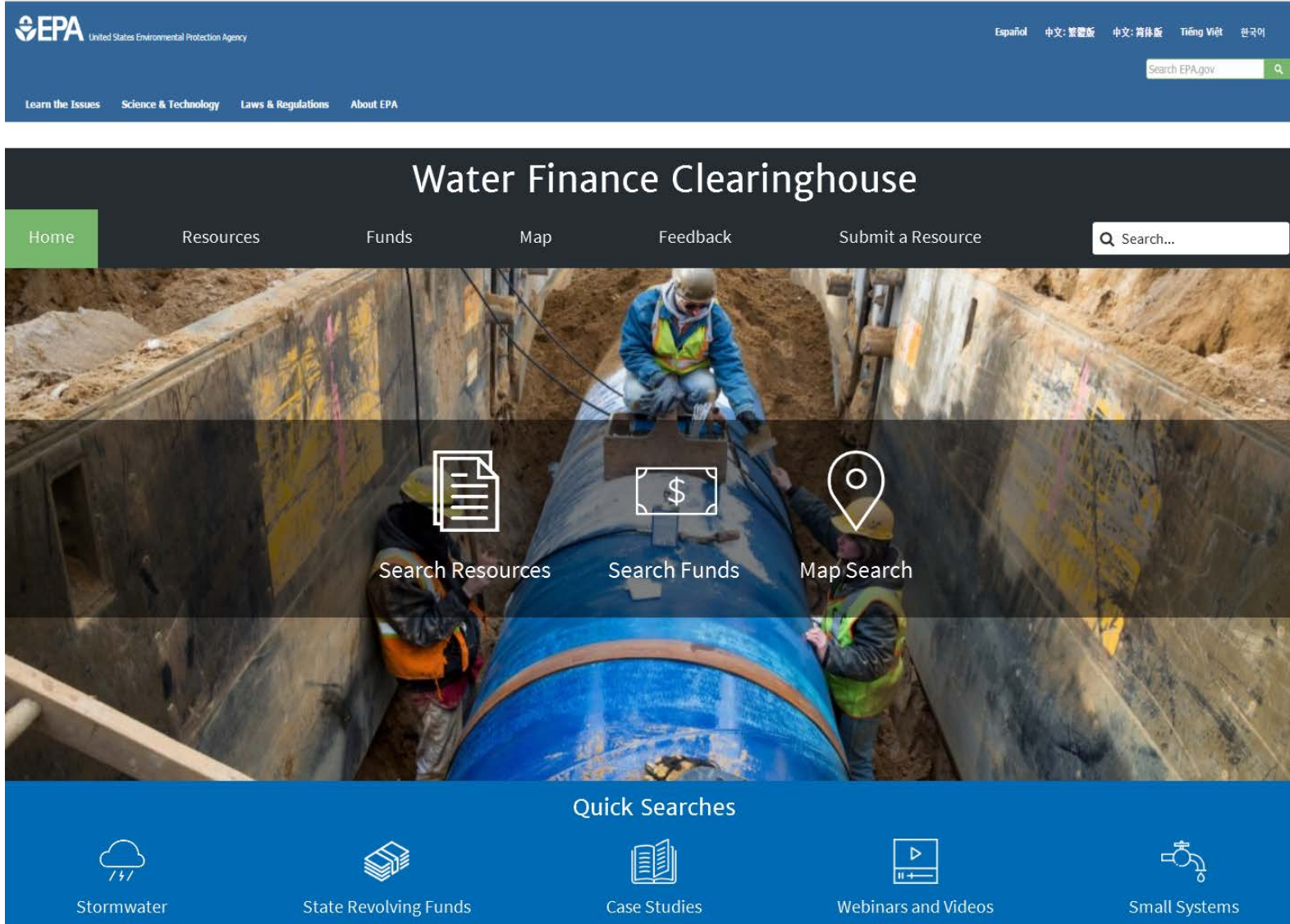
- Predevelopment Assistance
- Coordinated Funding Opportunities
- Asset Management
- Financial Analysis tools
- Technical Assistance for Financing

Special Topics: resources will include materials that cover specific water financing topics or challenges.

- Affordability
- Small Systems
- Stormwater Financing
- Conservation Financing & Environmental Markets
- Climate Change
- Resiliency & Disaster Recovery
- Water & Energy Efficiency Financing
- CSOs & MS4s
- Marketing & Outreach

See Slides 15-16 for a Complete List of Filters & Resources

Water Finance Clearinghouse Landing Page



Key Features:

- 2 Databases in 1
 - Resources
 - Funds
- Multiple Search Options
 - Search Resources
 - Search Funds
 - Map Search
 - Quick Search – applies search filters for the user
- Search Bar



Map Search

The screenshot shows the EPA website header with the logo and navigation links. Below is the 'Water Finance Clearinghouse' section with a navigation menu and a search bar. The main content area features a 'Search by State' section with 'NATIONAL' and 'REGIONS' buttons. A map of the United States is displayed with the state of Colorado highlighted in blue and labeled 'CO'.

Key Features:

- Users can click on any state – will populate search results for resources tagged for that state



Map Search

The screenshot displays the EPA Water Finance Clearinghouse website. At the top, the EPA logo and navigation links are visible. The main header reads "Water Finance Clearinghouse" with a search bar. Below this is a navigation menu with "Home" highlighted. The "Search by State" section features a list of regions on the left and a map of the United States on the right. The "EPA REGION 2" option is selected in the list, and the corresponding region is highlighted on the map.

Key Features:

- Users can click on any state – will populate search results for resources tagged for that state
- Users can search for resources by EPA Region

Search for Resources

Resources Search Results

Resource Title	Author	Description	Resource Type	Year
Guidance For Developing an Off-Site Stormwater Compliance Program in West Virginia	Center for Watershed Protection	This guidance document provides definitions, details, and resources for MSAs that wish to utilize the one or both of the approaches listed above. Takes together, these approaches are referred to as "off-site compliance" for the purposes of this guidance.	Guide	2012
Creating a Storm Water Utility in Chicopee, Massachusetts: Project Praised as Outstanding Planning Project	U.S. Environmental Protection Agency	In 1997 the Massachusetts Pioneer Valley Planning Commissions and the City of Chicopee, MA received 319 funding to investigate the feasibility of creating a storm water utility. Like electric and water utilities, storm water utilities collect fees from residents to pay for a "product." The product offered by storm water utilities is storm water management to control or eliminate water pollution, erosion, and flooding.	Website	2016

Key Features:

- Drop-down filters at the top of the search results
- Information Displayed:
 - Clickable Resource Title
 - Author
 - Brief Description
 - Resource Type
 - Year



Search for Resources: Filter Drop-Down Menu

Resource Search Results

Search... Feedback Submit a Resource

Filters: Green Project Reserve X USDA X DOE X DOI X NOAA X ACOE X DHS X EDA X Grants & Principal Forgiveness X

Funding Sources Sectors Financing Approaches Special Topics Resource Type Author Scope Date

- Drinking Water Rates
- Wastewater Rates
- Stormwater Utilites and Fees
- General Fund
- Municipal Bonds
- Green Bonds
- Property Taxes
- Tax Districts
- Public-Private Partnerships
- Public-Public Partnerships
- Environmental Markets/Trading Programs
- Conservation Financing
- Pay for Performance
- Private Property Incentives
- Voluntary Programs
- Public Property Incentives
- Multi-Use/Multi-Benefit Approaches
- Select All

CLOSE X

APPLY FILTERS

We've found 2 resources that match your filters

Resource Title	Author	Description	Resource Type	Year
Guidance For Developing an Off-Site Stormwater Compliance Program in West Virginia	Center for Watershed Protection	This guidance document provides definitions, details, and resources for MSAs that wish to utilize the one or both of the approaches listed above. Takes together, these approaches are referred to as "off-site compliance" for the purposes of this guidance.	Guide	2012
Creating a Storm Water Utility in Chicopee, Massachusetts: Project Praised as Outstanding	U.S. Environmental Protection Agency	In 1997 the Massachusetts Pioneer Valley Planning Commissions and the City of Chicopee, MA received 319 funding to investigate the feasibility of	Website	2016

Users can apply multiple filters by clicking on the gray tabs & selecting filters



Search for Resources: Filter Drop-Down Menu

Resource Search Results

Search... Feedback Submit a Resource

Filters Green Project Reserve X USDA X DOE X DOI X NOAA X ACOE X DHS X FDA X Grants & Principal Forgiveness X

Funding Sources Sectors Financing Approaches Special Topics Resource Type Author Scope Date

Drinking Water Rates Green Bonds Environmental Markets/Trading Programs Public Property Incentives

Wastewater Rates Property Taxes Conservation Financing Multi-Use/Multi-Benefit Approaches

Stormwater Utilites and Fees Tax Districts Pay for Performance Select All

General Fund Public-Private Partnerships Private Property Incentives

Municipal Bonds Public-Public Partnerships Voluntary Programs

APPLY FILTERS

We've found 2 resources that match your filters

Resource Title	Author	Description	Resource Type	Year
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Creating a Storm Water Utility in Chicopee, Massachusetts: Project Praised as Outstanding	U.S. Environmental Protection Agency	In 1997 the Massachusetts Pioneer Valley Planning Commissions and the City of Chicopee, MA received 319 funding to investigate the feasibility of	Website	2016

Users can apply multiple filters by clicking on the gray tabs & selecting filters

Can remove filters by clicking on the "X"

Search for Funds

The screenshot shows the EPA Water Finance Clearinghouse search results page. The header includes the EPA logo, navigation links (Learn the Issues, Science & Technology, Laws & Regulations, About EPA), and a search bar. The main navigation bar highlights 'Funds' and includes links for Home, Resources, Map, Feedback, and Submit a Resource. The search results section shows a filter for 'USDA' and a message: 'We've found 1 program that matches your filter'. Below this is a search bar for results and a table with one entry.

Program Name	Source	Description	How to Apply	Current Funding Level	Contact
Water and Waste Disposal Systems for Rural Communities	U.S. Department of Agriculture	This USDA Rural Utilities Service program provides monies to provide basic human amenities, alleviate health hazards, and promote the orderly growth of the rural areas of the nation by meeting the need for new and improved rural water and waste disposal facilities. Funds may be used for the installation, repair, improvement, or expansion of a rural water facility including costs of distribution lines and well pumping facilities. Funds also support the installation, repair, improvement, or expansion of a rural waste disposal facility, including the collection and treatment of sanitary waste stream, stormwater, and solid wastes.	Applications are accepted on a continuous basis. An online application can be complete and submitted here: https://faast.waterboards.ca.gov	Grants: \$365 million (est.) Loans: \$1.2 billion (est.) Guaranteed Loans: \$318.2 million (est.)	Uyen Trinh-Le Uyen.TrinhLe@waterboards.ca.gov 916-440-7590 DrinkingWaterSRF@waterboards.ca.gov 916-327-9978 1001 I Street Sacramento, California 95814

Key Features:

- Drop-down filters at the top of the search results
- Information Displayed:
 - Clickable Funding Option
 - Source
 - Description
 - How to Apply
 - Current Funding Amount
 - Contact Information

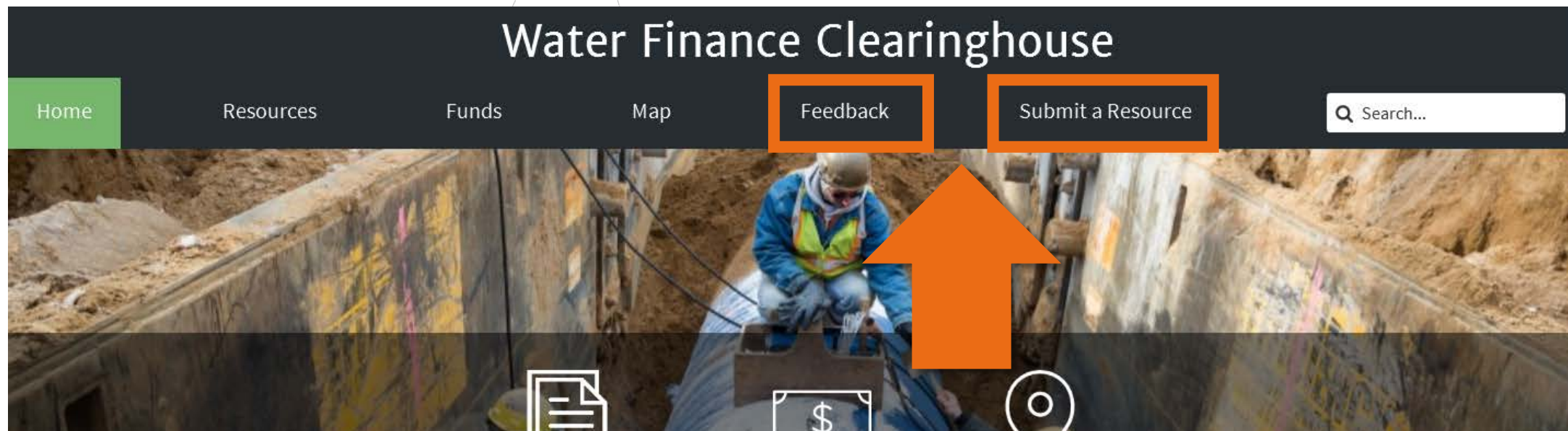
Funds Database Sources

Coalescing ALL Available Funding in ONE Searchable Location

- EPA's Catalog of **Federal Funding** Sources for Watershed Protection
 - <https://ofmpub.epa.gov/apex/watershedfunding/f?p=fedfund:1>
- EPA's **Federal Funding** for Water and Wastewater Utilities in National Disasters (Fed FUNDS)
 - <https://www.epa.gov/fedfunds>
- Environmental Finance Center Network's **Funding Sources by State**
 - <http://efcnetwork.org/funding-sources-by-state/>

Built-In Feedback Mechanisms

Once LIVE – Users will be able to submit feedback and resource recommendations for consideration



We Need Your Help

Identify Essential Resources and Information for Clearinghouse

Resources

- Reports
- Webinar/Video
- Case Study
- Video
- Website
- Trainings
- Guides
- Outreach
- Presentations
- Events
- Feasibility Studies
- Resource List
- Tools
- Other

Funding Information

- **Federal funding** – grants and loan programs that support water infrastructure project development and construction
- **Regional funding** opportunities
- **State funding** – grant and loan programs
- **Foundation** opportunities
- **NGO**

Resource Search Filters

Funding Sources

- Federal
 - U.S. Environmental Protection Agency (EPA)
 - Clean Water State Revolving Fund
 - Green Project Reserve
 - Drinking Water State Revolving Fund
 - Clean Water Act Nonpoint Source Grant Program (319)
 - Water Infrastructure Finance and Innovation Act (WIFIA)
 - U.S. Federal Emergency Management Agency (FEMA)
 - U.S. Department of Agriculture (USDA)
 - U.S. Department of Housing and Urban Development (HUD)
 - U.S. Department of Transportation (DOT)
 - U.S. Department of Energy (DOE)
 - U.S. Department of the Interior (DOI)
 - U.S. National Oceanic and Atmospheric Administration (NOAA)
 - U.S. Army Corps of Engineers (ACOE)
 - U.S. Department of Homeland Security (DHS)
 - U.S. Economic Development Administration (EDA)
 - U.S. Treasury
 - Coordinated Federal Funding
- State
 - (All States will be Listed)
- Tribes & Territories
- Local Government
- Grants & Principal Forgiveness
- Philanthropic
- Private Capital

Sectors

- Green Infrastructure
- Stormwater
- Drinking Water
- Wastewater
- Groundwater
- Potable Water ReUse
- Greywater
- Combined Sewer System

Financing Approaches

- Drinking Water Rates
- Wastewater Rates
- Stormwater Utilities/Fees
- General Fund
- Municipal Bonds
- Green Bonds
- Property Taxes
- Tax Districts
- Public-Private Partnerships
- Public-Public Partnerships
- Environmental Markets/Trading Programs
- Conservation Financing
- Pay for Performance
- Private Property Incentives
- Voluntary Programs
- Public Property Incentives
- Multi-Use/Multi-benefit Approaches

Special Topics

- Planning and Predevelopment
- Technical Assistance for Financing
- Community Engagement and Marketing
- Costs, stormwater
- Program Costs
- Project Costs
- Maintenance Costs
- Cost Savings & Effectiveness
- Legal Issues/Barriers
- Affordability
- Economic Development
- Economically Distressed Communities
- Triple Bottom Line
- Climate Change & Resiliency
- Financing Flood Protection
- Financing Drought Resiliency
- Disaster Recovery Financing
- Water Efficiency Financing
- Energy Efficiency Financing
- Asset Management
- GIS
- Small Systems
- Sourcewater

Scope

- National
- Regional
- State

Resource Type

- Reports
- Webinar/Video
- Case Study
- Video
- Website
- Trainings
- Guides
- Outreach
- Presentations
- Events
- Feasibility Studies
- Resource List
- Tools
- Other Resource Type

Author

- Federal
- State
- Environmental Finance Center
- EPA Environmental Financial Advisory Board
- Local Government
- Association
- Non-governmental Organization
- Educational Institution
- Journal
- Other Author

Date

- Year
- Upload Date

Funds Search Filters

Funding Sources

- Federal
 - U.S. Environmental Protection Agency (EPA)
 - U.S. Federal Emergency Management Agency (FEMA)
 - U.S. Department of Agriculture (USDA)
 - U.S. Department of Housing and Urban Development (HUD)
 - U.S. Department of Transportation (DOT)
 - U.S. Department of Energy (DOE)
 - U.S. Department of the Interior (DOI)
 - U.S. National Oceanic and Atmospheric Administration (NOAA)
 - U.S. Army Corps of Engineers (ACOE)
 - U.S. Department of Homeland Security (DHS)
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Sectors

- Green Infrastructure
- Stormwater
- Drinking Water
- Wastewater
- Groundwater
- Potable Water ReUse
- Greywater
- Combined Sewer System

Eligible Uses

- Planning & Predevelopment
- Capital Projects
- Operations & Maintenance
- Green Projects
- Conservation

Eligible Applicants

- Conservation District
- Educational Institution
- Farmers
- Federal Agency
- Tribes & Territories
- Irrigation & Drainage Districts
- Local Government
- Not for Profit
- Private Business or Landowner
- Ranchers
- State/Territorial Agency
- Water Utility
- Wastewater Utility
- Stormwater Utility

Quality vs. Quantity

- All resources should have a strong emphasis on financing, funding, capacity development etc.
- Do NOT want reports or guides that contain only a short section on funding.
- Free of charge – should not require EPA or Clearinghouse users to pay for the resource



Projected 2017 Timeline

Finalize Clearinghouse
design and functionality

December '16



Beta version of
Clearinghouse ready for
testing

April



January

Complete research for
Resource and Funding
databases



Summer

Clearinghouse is
launched publically

Looking Forward

The Water Finance Clearinghouse can become a portal for:

- In-depth learning modules – step-by-step guides on specific topics:
 - Stormwater Financing
 - Public-Private-Partnerships
 - State Revolving Funds (SRFs)
 - Disaster Recovery & Resiliency Financing
- Water infrastructure financing data & analytics
- Annual/Quarterly Updates